

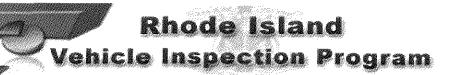


## Average Emissions for Transient Initial Fails

From 1/1/2011 To 12/31/2011

Model Pas	Model Passenger Car			Truck			al		
Year	НС	CO	NO	HC	CO	NO	HC	co	NO
1987	4.40	44.15	2.42	5.95	67.56	3.18	5.17	55.85	2.80
1988	3.42	61.30	1.97	7.21	52.75	2.95	5.31	57,03	2.46
1989	4.67	66.32	2.39	8.08	99.06	4.33	6.37	82.69	3.36
1990	4.08	61.28	3.08	7.83	94.90	2.95	5.96	78.09	3.02
1991	3.39	50.89	2.28	6.22	94.69	3.17	4.81	72.79	2.73
1992	2.94	45.25	3.47	4.42	43.55	3.40	3.68	44.40	3.44
1993	3,41	40.19	3.33	6.73	63.24	2.68	5.07	51.72	3.00
1994	2.74	42.27	2.43	5.33	62.70	2.89	4.04	52.48	2.66
1995	3.29	47.18	2.67	5.56	55.31	3.45	4.43	51.25	3.06
1996	3,15	66.42	1.35	3.09	5.26	1.01	3.12	35.84	1.18
1997	1.33	12.37	4.15		Philod Local Local Control of Lines and Control Control	2007.2. Acres and Control of Control of Control	1.33	12.37	4.15
1998	1.31	27.30	2.99				1.31	27.30	2.99
1999	1.15	7.13	2.71	-,	anne tra i materiali comitati di politica del m	CONTRACTOR	1.15	7.13	2.71
Total	3.02	44.00	2.71	6.04	63.90	3.00	4.33	52.65	2.84





## **Average Emissions for Transient Passed Tests**

From 1/1/2011 To 12/31/2011

Model Pas	ssenger Ca	r	Tru	ick		Tol	al		
Year	нс	CO	NO	HC	co	NO	НС	co	NO
1987	0.58	4.53	0.87	1.39	15.12	1.57	0.99	9.83	1.22
1988	0.64	4.67	0.89	1.18	10.17	1.05	0.91	7.42	0.97
1989	0.82	5.89	0.92	1.33	12.90	1.18	1.07	9.39	1.05
1990	0.64	4.96	0.75	0.99	9.05	1.24	0.82	7.01	0.99
1991	0.64	5.04	1,00	1.07	10.41	1.28	0.85	7.73	1.14
1992	0.54	5.18	1.02	1.03	11.17	1.68	0.78	8.18	1.35
1993	0.61	5.32	1.01	1.16	10.15	1.19	0.89	7.73	1.10
1994	0.68	5.38	1.02	1.26	11.74	1.28	0.97	8.56	1.15
1995	0.57	5.23	0.86	1.05	10.53	1.11	0.81	7.88	0.99
1996	0.55	6.70	0.46	1.76	3.29	0.47	1.15	5.00	0.47
1997	0.78	6.85	0.91	taens transfers comment of a first production of the	nu mend amangan alimbilit mendalah bilah dah	MARIO (1994) A 1964 MARIO MARI	0.78	6.85	0.91
1998	0.46	5.74	1.18				0.46	5.74	1.18
1999	0.98	6.66	1.94	Self of London Ameline Company of the Period Security of	va nos vivilori transiti i kelini ( sembilini	etro ( hocine) ( ( hocine)	0.98	6.66	1.94
tal	0.65	5.55	0.99	1.22	10.45	1.21	0.90	7.68	1.08

2011 EPA Report		Average Emissions Reductions				
Emissions Reductions						
	2011	нс	со	NO <sub>x</sub>		
	Initial Test	4.33	52.65	2.84		
	Average Emissions After Repairs	0.9	7.68	1.08		
	Difference	3.43	44.97	1.76		
	Average Percent Reduction	79.21%	85.41%	61.97%		